

MATERIAL SAFETY DATA SHEET

MSDS

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Date Issued 01/20/1997
MSDS Ref No RPTM22816
Date Revised 09/23/1998
Revision No 14

PoolTime Shock Plus

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME PoolTime Shock Plus
GENERAL USE Swimming pool shock, buffer, clarifier and flocculant

MANUFACTURER

Recreational Water Products
Pool Time
PO Box 887
Scottsdale, GA 30079
Customer SERVICE (800) 949-7946

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (Transportation) (800) 424-9300
Poison Control Center (Medical)(877) 800-5553

COMMENTS:

PoolTime Shock Plus has not been accepted by the U.S. EPA for use as a sanitizer, disinfectant or algicide

2. COMPOSITION / INFORMATION ON INGREDIENTS

The specific identity of the component(s) of this product is withheld as a trade secret

Chemical Name	Wt %	CAS#	EINECS #
Sodium dichloro-s-triazinetriene (trade secret #1)	60	2893-78-9	220-767-7

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE

White, granular material

IMMEDIATE CONCERNS

DANGER Corrosive Causes irreversible eye damage Harmful if swallowed Do not get in eyes, on skin or on clothing Wear safety glasses or protective goggles and rubber gloves when handling this product Harmful if inhaled Avoid breathing dust Remove and wash contaminated clothing before use

POTENTIAL HEALTH EFFECTS

EYES

Corrosive Causes irreversible eye damage

SKIN

Harmful if absorbed through skin

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INGESTION

Harmful if swallowed

INHALATION

Harmful if inhaled Avoid breathing dust

CHRONIC

This product contains a boron compound. This boron compound, when fed to test animals at very high doses, has shown reproductive and developmental toxicity. When this product is used according to label directions, the boron compound in this product does not represent a practical risk to man.

ROUTES OF ENTRY:

Skin Contact, Inhalation, Ingestion, Eye Contact

COMMENTS HEALTH:

There are no known chronic hazards

4. FIRST AID MEASURES

EYES

If in eyes: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

SKIN

If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

INGESTION

If swallowed: Drink large amounts of water. Do not induce vomiting. Avoid alcohol. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Call a physician or poison control center immediately.

INHALATION

If inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

NOTES TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage

5. FIRE FIGHTING MEASURES

GENERAL HAZARD

This product should not be exposed to external heat sources. Excessive heat may cause self-sustaining decomposition with the potential evolution of heat and noxious gases

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EXTINGUISHING MEDIA

Water Fog

HAZARDOUS COMBUSTION PRODUCTS

If allowed to reach temperatures resulting in decomposition and/or combustion, this product will liberate noxious chlorine gases

EXPLOSION HAZARDS

This product does not pose an immediate explosion hazard

FIRE FIGHTING PROCEDURES

Firefighters should wear full protective clothing and self contained breathing apparatus (SCBA). Thoroughly decontaminate fire fighting equipment including all fire fighting wearing apparel after the incident.

HAZARDOUS DECOMPOSITION PRODUCTS

In the event of a decomposition and/or fire, extinguished material should be isolated. Any spilled material from burned or damaged containers should be assumed contaminated. Neutralize contaminated material to a non-oxidizing state for safe handling and disposal. To minimize unforeseen pressure buildup, do not attempt to re-close (seal) damaged containers of product.

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES:

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Using appropriate protective clothing and safety equipment, contain spilled material. Do not add water to spilled material. Using clean dedicated equipment, sweep and scoop all spilled material, contaminated soil, and other contaminated material and place into clean dry containers for disposal. Do not use floor sweeping compounds to clean up spills. Do not close containers containing wet or damp material. They should be left open to disperse any hazardous gases that may form. Do not transport wet or damp material. Keep product out of sewers, watersheds and water systems. Dispose of according to local, state and federal regulations.

7. HANDLING AND STORAGE

HANDLING

This product contains OXIDIZING AGENTS. Do not mix with other chemicals or allow this product to become contaminated with organic materials or other chemicals that could lead to product decomposition and/or fire. Mix only with water. Never add water to this product. Always add product to large volumes of water. Use clean dry utensils. Do not add this product to any dispensing device (chemical feeder, etc.) containing remnants of any other product.

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STORAGE

Keep this product in its original container when not in use. Store in cool, dry, well-ventilated area. Keep this product and all other chemicals out of children's reach.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES:

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

		EXPOSURE LIMITS			
		OSHA PEL	ACGIH TLV	SUPPLIER OEL	
		ppm	mg/m ³	ppm	mg/m ³
Sodium dichloro-s-triazinetriene (trade secret #1)	TWA	N/E ⁽¹⁾	N/E		

OSHA TABLE COMMENTS

1. N/E = Not Established

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ENGINEERING CONTROLS:

General room ventilation plus local exhaust should be used to minimize exposure to vapors.

PERSONAL PROTECTIVE EQUIPMENT:

EYES AND FACE

Wear goggles or safety glasses with side shields when handling this product.

SKIN

Wear rubber gloves when handling this product. Avoid contact with skin.

RESPIRATORY

A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

WORK HYGIENIC PRACTICES:

Remove and wash contaminated clothing before reuse.

OTHER USE PRECAUTIONS

Facilities storing or utilizing this material should be equipped with an eyewash and safety shower.

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9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE Solid
ODOR Chlorine
APPEARANCE Granules
COLOR White
pH 6 to 7
MELTING POINT >250°C
SOLUBILITY IN WATER 25g/100g water

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID
High temperature Poor ventilation Contamination Moisture/high humidity

STABILITY
This product is stable under normal conditions

POLYMERIZATION
Hazardous polymerization will not occur under normal conditions

HAZARDOUS DECOMPOSITION PRODUCTS
Halogen containing gases can be produced

INCOMPATIBLE MATERIALS
Avoid contact with water on concentrated material in the container. Avoid contact with easily oxidizable material. Ammonia, urea, or similar nitrogen containing compounds. Inorganic reducing compounds. Floor sweeping compounds. Other swimming pool/spa chemicals in their concentrated forms.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS
Causes irreversible eye damage

SKIN EFFECTS
Harmful if absorbed through skin

CARCINOGENICITY
This product is not listed as a carcinogen by IARC
This product is not listed as a carcinogen by NTP
This product is not listed as a carcinogen by CSHA

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GENERAL COMMENTS

This product is not a mutagen or teratogen

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION

This product may be toxic to fish and aquatic organisms. Keep product from entering waterways and watersheds

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD

Do not put product, spilled product, or filled or partially filled containers into the trash or waste compactor. Contact with incompatible materials could cause a reaction or fire.

PRODUCT DISPOSAL

Disposal of unused, uncontaminated product is regulated according to local, state and federal regulations.

EMPTY CONTAINER

Do not reuse container. Rinse thoroughly before discarding in trash.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME Not Regulated

15. REGULATORY INFORMATION

UNITED STATES

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY This product or its components are not subject to export notification.

TSCA STATUS This product or its components are listed on the TSCA Inventory.

OSHA -HAZARD COMM. RULE

Product is hazardous by definition of the Hazardous Communication Standard.

CLEAN WATER ACT

Not Listed

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GENERAL COMMENTS

FIFRA (Federal Insecticide, Fungicide, Rodenticide Act)
This product is not a registered pesticide

16. OTHER INFORMATION

REVISION SUMMARY

Revision # 14

This MSDS replaces the September 22, 1998 MSDS. Any changes in information are as follows:

NFPA CODES

HEALTH 3 FIRE 1 REACTIVITY 1

HMIS CODES

HEALTH 3 FIRE 1 REACTIVITY 1 PROTECTION B

MANUFACTURER DISCLAIMER:

IMPORTANT: This information is given without a warranty or guarantee. No suggestions for use are intended or shall be construed as a recommendation to infringe any existing patents or violate any Federal, State or local laws. Safe handling and use is the responsibility of the customer. Read the label before using this product. This information is true and accurate to the best of our knowledge.
